



-rfw

Docket No.: 432.004 CIP/10101579  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Igor A. KRICHTAFOVITCH *et al.*

Application No.: 10/735,302

Confirmation No.: 9956

Filed: December 15, 2003

Art Unit: 2821

For: METHOD OF AND APPARATUS FOR  
ELECTROSTATIC FLUID ACCELERATION  
CONTROL OF A FLUID FLOW

Examiner: Not Yet Assigned

**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicant respectfully directs the Examiner's attention to the recently filed Request for Ex Parte Reexamination under 37 C.F.R. 1.510, now pending as application no. 90/007,276, filed October 29, 2004 ("the Request") in connection with Applicant's previously issued U.S. Patent No. 6,504,308 describing related technology. In addition to the Request itself, applicant directs the Examiner's attention to four prior art patents identified therein that were not previously of record:

US Patent No. 5,059,219 of Plaks et al. issued October 22, 1991  
3,981,695 of Fuchs issued September 21, 1976;  
3,984,215 of Zucker issued October 5, 1976; and  
3,026,964 of Penney issued March 27, 1962

In addition to the Reexamination and prior art cited therein, Applicant has subsequently conducted an updated prior art search using the following key words/terms: electric wind; ion wind; ionic wind; ion propulsion; corona wind; electrophoresis; ion drag pressure generation; gas pumping in electrical discharges; electro-fluid-dynamics (EFD); electrohydrodynamic (EHD); EGD; and plasma driven air propulsion, resulting in the identification of the patents and patent publications not previously of record in the present application cited in the attached PTO/SB/08A Form.

This Supplemental Information Disclosure Statement is filed pursuant to 37 C.F.R. § 1.97(b)(3), before the mailing date of a first Office Action on the merits. Applicants hereby petitions that the Supplemental Information Disclosure Statement be considered.

I hereby certify that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

In accordance with 37 CFR § 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. In accordance with 37 CFR § 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

In accordance with 37 C.F.R. § 1.98(a)(2) as amended effective October 21, 2004, unless otherwise requested, copies of the U. S. patents and U. S. patent publications listed on the PTO/SB/08A are not being provided. (*See Changes to Support Implementation of the U. S. Patent & Trademark Office 21<sup>st</sup> Century Strategic Plan*, 69 Fed. Reg. 56482 at 56510, 56511 (Sept. 21, 2004).) Accordingly, the Examiner is respectfully requested to substantively consider the listed references.

No fee is required for this submission. However, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. 432.004 CIP/10101579.

Dated: December 1, 2004

Respectfully submitted,

By



Michael J. Strauss

Registration No.: 32,443

FULBRIGHT & JAWORSKI L.L.P.

801 Pennsylvania Avenue, N.W.

Washington, DC 20004-2623

(202) 662-0200

(202) 662-4643 (Fax)

Attorney for Applicant



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/735,302
Filing Date	December 15, 2003
First Named Inventor	Igor A. KRICHTAFOVITCH
Art Unit	2821
Examiner Name	Not Yet Assigned
Attorney Docket Number	432.004 CIP/10101579

Sheet	1	of	1
-------	---	----	---

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	RE30480	01/13/1981	Gelfand	
	AB	D411,001	06/15/1999	Pinchuk	
	AC	D420,438	02/08/2000	Pinchuk	
	AD	D427,300	06/27/2000	Pinchuk	
	AE	D433,494	11/07/2000	Pinchuk et al.	
	AF	D434,483	11/28/2000	Pinchuk	
	AG	D438,513	03/06/2001	Pinchuk	
	AH	D440,290	04/10/2001	Pinchuk	
	AI	2002/0122751	09/05/2002	Sinaiko et al.	
	AJ	2002/0122752	09/05/2002	Taylor et al.	
	AK	2002/0127156	09/12/2002	Taylor	
	AL	2002/0155041	10/24/2002	McKinney Jr. et al.	
	AM	2003/0033176	02/13/2003	Hancock	
	AN	2003/0165410	09/04/2003	Taylor	
	AO	2003/0170150	09/11/2003	Lau et al.	
	AP	2003/0147785	07/07/2003	Joannou	
	AQ	2003/0206837	11/06/2003	Taylor et al.	
	AR	2003/0206839	11/06/2003	Taylor et al.	
	AS	2003/0206840	11/06/2003	Taylor et al.	
	AT	2003/0209420	11/13/2003	Taylor et al.	
	AU	2004/0025497	02/12/2004	Truce	
	AV	2004/0033340	02/19/2004	Lau et al.	
	AW	2004/0047775	03/11/2004	Lau et al.	
	AX	2004/0052700	03/18/2004	Kotlyar et al.	
	AY	2004/0057882	03/25/2004	Lau et al.	
	AZ	2004/0079233	04/29/2004	Lau et al.	
	BA	2,765,975	10/09/1956	Lindenblad	
	BB	3,026,964	03/27/1962	Penney	
	BC	3,071,705	01/01/1963	Coleman et al.	
	BD	3,198,726	08/03/1965	Trikilis	
	BE	3,740,927	06/26/1973	Vincent	
	BF	3,907,520	09/23/1975	Huang et al.	
	BG	3,918,939	11/11/1975	Hardt	
	BH	3,981,695	09/21/1976	Fuchs	
	BI	3,984,215	10/05/1976	Zucker	
	BJ	4,086,152	04/25/1978	Rich et al.	
	BK	4,216,000	08/05/1980	Kofoed	
	BL	4,315,837	02/16/1982	Rourke et al.	
	BM	4,376,637	03/15/1983	Yang	
	BN	4,401,385	08/30/1983	Katayama et al.	
	BO	4,481,017	11/06/1984	Furlong	
	BP	4,600,411	07/15/1986	Santamaria	
	BQ	4,604,112	08/15/1986	Ciliberti et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/735,302
				Filing Date	December 15, 2003
				First Named Inventor	Igor A. KRICHTAFOVITCH
				Art Unit	2821
				Examiner Name	Not Yet Assigned
Sheet	2	of	1	Attorney Docket Number	432.004 CIP/10101579

	BR	4,646,196	02/24/1987	Reale	
	BS	4,649,703	03/17/1987	Dettling et al.	
	BT	4,740,826	04/26/1988	Halleck	
	BU	4,741,746	05/03/1988	Chao et al.	
	BV	4,775,915	10/04/1988	Walgrove, III	
	BW	4,783,595	11/08/1988	Seidl	
	BX	4,789,801	12/06/1988	Lee	
	BY	4,790,861	12/13/1988	Watai et al .	
	BZ	4,838,021	06/13/1989	Beattie	
	CA	4,878,149	10/31/1989	Stiehl et al.	
	CB	4,938,786	07/03/1990	Tonomoto	
	CC	5,059,219	10/22/1991	Plaks et al.	
	CD	5,087,943	02/11/1992	Creveling	
	CE	5,136,461	08/04/1992	Zellweger	
	CF	5,138,513	08/11/1992	Weinstein	
	CG	5,163,983	11/17/1992	Lee	
	CH	5,199,257	04/06/1993	Colletta et al.	
	CI	5,257,073	10/26/1993	Gross et al.	
	CJ	5,269,131	12/14/1993	Brophy	
	CK	5,369,953	12/06/1994	Brophy	
	CL	5,423,902	06/13/1995	Strutz et al.	
	CM	5,508,880	04/16/1996	Beyer	
	CN	5,847,917	12/08/1998	Suzuki	
	CO	5,920,474	06/06/1999	Johnson et al.	
	CP	6,108,504	08/22/2000	Dickhoff	
	CQ	6,195,827	03/06/2001	Dumitriu	
	CR	6,228,330	05/08/2001	Herrmann et al.	
	CS	6,394,086	05/28/2000	Barnes et al.	
	CT	6,574,123	06/03/2003	Wiser et al.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CU	Request for Ex Parte Reexamination under 37 C.F.R. 1.510; application No. 90/007,276, filed on October 29, 2004	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--